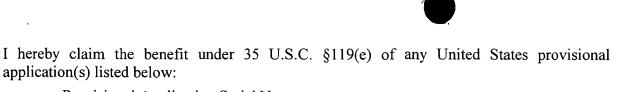


Attorney's Docket No.: CE08159R

## PATENT APPLICATION DECLARATION COMBINED WITH POWER OF ATTORNEY

Regular (Utility) **Design Application** As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: AUTOMATIC GAIN CONTROL WITH DIGITAL FILTERING FOR RADIO-FREQUENCY **COMMUNICATIONS SYSTEM** the specification of which: is attached hereto was filed on: as U.S. Serial No.: and was amended on (if applicable) I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 CFR § 1.56(a). I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate or 365(a) of any PCT international application which designated at least one country other than the United states of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed: Prior Foreign Application(s): no such application(s) filed such application(s) identified as follows: **Application Number** Country Date of Filing Priority Claimed (day, month, year) Yes No Yes No



Provisional Application Serial No.:
Provisional Application Filing Date:
I hereby claim the priority benefit under 35 USC §120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 USC 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.
Prior U.S. Application(s):

no such application(s) filed

	such application(s) identified as follows:		
U.S. Parent Application No. or PCT Parent No.	Filing Date (day, month, year)	Status (Patented, Pending, Abandoned)	

AS A NAMED INVENTOR, I HEREBY APPOINT THE FOLLOWING REGISTERED ATTORNEY(S) OR AGENT(S) TO PROSECUTE THIS APPLICATION AND TO TRANSACT ALL BUSINESS IN THE PATENT AND TRADEMARK OFFICE CONNECTED THEREWITH:

**CUSTOMER NUMBER 22917** 

application(s) listed below:

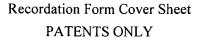
Send correspondence to Customer Number 22917

Address all telephone calls to: Kenneth A. Haas at (847) 576-0379 Fax (847) 576-3750

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 USC and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first-named or so	le inventor YUDA YEH	IUDA LUZ	
Inventor's signature	intor	Date _	10/13/00
Residence Buffalo Grov	ve	IL	
City		State or Forei	ign Country
Citizenship <u>Israel</u>			
Cou	intry		
Post Office Address 2211 A			
	Street Address		
Buffalo Grove	IL		60089
City	State or Country		Zip Code
	<u>.</u>		
Full name of second-named jo	int inventor RON ROTS	TEIN	
Inventor's signature	In Vitale	Date	10/13/00
Residence Buffalo Grov	/e	IL	
City		State or Forei	gn Country
Citizenship Israel	_		:
Cou	ntry		
Post Office Address 412 Gre			
1	Street Address		
Buffalo Grove	IL		60089
City	State or Country		Zip Code

Full name of third-named joint inventor GREGORY AGAMI
Inventor's signature Date(5/19/00
Residence Chicago Arlington Heights IL
City State or Foreign Country
Citizenship USA
Country
Post Office Address <u>2618 N. Orchard Street #2</u> 520 S. Rammer Ave
Street Address
64
Chicago Arlington Heights IL 60614 6000 Y
City State or Country Zip Code



Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

Please record the attached original documents or copy thereof.

1. Name of Conveying party(ies): Yuda Yehuda Luz, Ron Rotstein, Gregory Agami,

2. Name and Address of Receiving Party	State of Incorporation
Motorola, Inc., 1303 East Algonquin Road Schaumburg, Illinois 60196	Delaware

- 3. Nature of Conveyance: Assignment Execution Date: October 13, 2000 and October 19, 2000
- 4. This document is being filed along with a new patent application:

Docket No.:

CE08159R

Title:

AUTOMATIC GAIN CONTROL WITH DIGITAL FILTERING FOR RADIO-FREQUENCY COMMUNICATIONS SYSTEM

The execution date of the application is: October 13, 2000 and October 19, 2000

5. Please send correspondence to:

Motorola, Inc.

**Intellectual Property Department** 

1303 E. Algonquin Road Schaumburg, IL 60196

6. Total Number of applications and patents involved: 1

\_\_1\_\_\_

7. Total Fee (37 CFR 3.41)

\$ 40.00

- 8. Authorization to charge all recording fees to Deposit Account No.: 13-4772. A duplicate copy of this sheet is attached.
- 9. To the best of my knowledge and belief, the foregoing information is a true and correct original document.

## DO NOT USE THIS SPACE

SEND CORRESPONDENCE TO: By: Kenneth A. Haas Motorola, Inc. Attorneyfor Applicant(s) Intellectual Property Section Reg. No.: 42,614 Telephone: (847) 576-0379 Law Department 1303 E. Algonquin Road Fax No.: (847) 576-3750 Schaumburg, IL 60196 Date: October 20, 2000 Total Number of pages comprising cover sheet and copy: 2 Total Number of pages comprising Assignment: 3 5 pgs Total

3C714 U.S. PTO 09/693799

**PATENT** 

## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, YUDA YEHUDA LUZ, BUFFALO GROVE, IL; RON ROTSTEIN, BUFFALO GROVE, IL; AND GREGORY AGAMI, CHICAGO, IL have sold, assigned and transferred, and do hereby sell, assign and transfer, unto MOTOROLA, INC., a corporation of the State of Delaware, having its principal office in Schaumburg, State of Illinois, United States of America, and its successors, assigns, and legal representatives, the entire right, title and interest for the United States of America in and to certain inventions relating to improvements in AUTOMATIC GAIN CONTROL WITH DIGITAL FILTERING FOR RADIO-FREQUENCY COMMUNICATIONS SYSTEM (Docket No. CE08159R), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by us on the dates indicated by our signatures below, together with the entire right, title and interest in and to the application, and in and to Letters Patent which may be issued upon the application, and upon any division, extension, continuation or reissue thereof.

We hereby also sell, assign and transfer unto MOTOROLA, INC., the entire right, title and interest in and to the invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the invention and the applications for Letters Patent in foreign countries, and we further authorize MOTOROLA, INC. to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filing date of the application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

We hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to MOTOROLA, INC., for the sole use and benefit of MOTOROLA, INC., its successors, assigns and legal representatives, to the full end of the term for which Letters Patent may be granted, the same as they would have been held and enjoyed by me had this assignment not been made, and we hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to MOTOROLA, INC.

We agree that, when requested, we will, without charge to MOTOROLA, INC., but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for the inventions in any and all countries and for vesting title thereto in MOTOROLA, INC., its successors, assigns and legal representatives or nominees.

We covenant with MOTOROLA, INC., its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

Substitution	P		DATE:	10/13/00	
YUDA YEHUDA LUZ					
STATE OF ILLINOIS	)	66.			
COUNTY OF COOK	)	SS:			

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Yuda Yehuda Luz whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this Btday of October , 2000

My commission expires:

OFFICIAL SEAL
REBECCA ANN NYCE
NOTARY PUBLIC, STATE OF ILLINOIS
MY COMMISSION EXPIRES:07/16/03

Kebecca U

RON ROTSTEIN DATE: 10/13/00
STATE OF ILLINOIS ) ss:
The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Ron Rotstein whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.  Given under my hand and notarial seal this Aday of Other 1900.
My commission expires:  Notary Public Signature
OFFICIAL SEAL REBECCA ANN NYCE NOTARY PUBLIC, STATE OF ILLINOIS MY COMMISSION EXPIRES:07/16/03
GREGORY AGAMI  DATE: 10/19/00
STATE OF ILLINOIS ) ss:
COUNTY OF COOK )
The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Gregory Agami whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.  Given under my hand and notarial seal this of the last
My commission expires:   Heblica Uni Nige
OFFICIAL SEAL REBECCA ANN NYCE NOTARY PUBLIC, STATE OF ILLINOIS MY COMMISSION EXPIRES:07/16/03